

VIBRATORY COMPACTOR AND COMPACT EXCITER ASSEMBLY USABLE THEREWITH

ABSTRACT OF THE DISCLOSURE

A method of assembling an exciter assembly for a compaction machine includes
5 mounting a torque transfer element and a bearing on an exciter shaft. A fixed eccentric
weight is mounted on the exciter shaft. First and second free swinging eccentric weights
are mounted on the exciter shaft adjacent respective ends of the fixed eccentric weight so
as to be rotatable a limited amount relative to the exciter shaft. The first and second free
swinging eccentric weights are restrained from substantial axial movement along the
10 exciter shaft solely by being sandwiched the first and second free swinging eccentric
weights between the respective ends of the fixed eccentric weight and operative
components of the exciter assembly. All of the mounting steps are performed without the
use of any mounting hardware.